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(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

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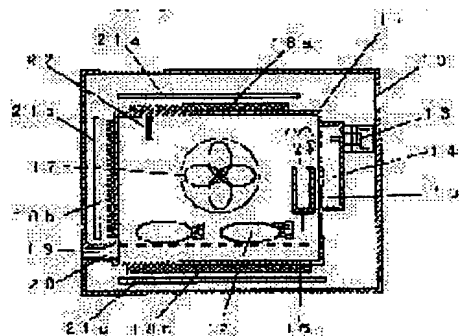
(72)Inventor : KOBAYASHI YASUMICHI
GANJI NOBUO
OMORI HIDEKI

(54) COOKER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a cooker in which scales in an oven chamber can be easily cleaned, and a to-be-cooked food in the chamber is cooked by superheated steam of beyond 100° C.

SOLUTION: The cooker includes an evaporation vessel 16 which is formed of a material of low dielectric constant, and placed removably at an outlet 15 of a wave guide 14 for guiding a microwave into the oven chamber 11. In the cooker there are further included fan 17 for circulating air in the chamber 11, and a heater 18a for heating the wall of the oven chamber 11. Water in the vessel 16 is evaporated to generate water vapor by dielectric heating in a microwave, the water vapor is heated by the heater 18a into superheated steam. Thus, water vapor can be generated inexpensively without a great additional constitution to the cooker, and superheated steam can be generated by the heater 18a. Cleaning of scale is facilitated by removably installing the vessel 16.



- 10 外箱
- 11 ドア
- 12 電磁炉室
- 13 回転台
- 14 波導管
- 15 湯気出口口
- 16 加熱容器
- 17 送風機
- 18a ヒータ
- 18b ヒータ
- 18c ヒータ
- 20 加熱器
- 21a 加熱器
- 21b 加熱器
- 21c 加熱器
- 22 可動金板

LEGAL STATUS

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